

ENT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
I	CN 1225356	A	19990811	CN 1998-122097	19981215
PRAI	CN 1998-122097		19981215		

OS CASREACT 133:17266

AB The process comprises allowing to react 4-methoxyphenylacetonitrile with organic base at 0-5° for 0.5-2 h, adding with **cyclohexanone** at 0-5° for 2-4 h to obtain 1-(α -cyano-4-methoxybenzyl)cyclohexanol (I), and mixing with NaBH₄ in solvent for 3-5 h, adding 40-50% BF₃.etherate solution in 3-5 h, and refluxing for 1-3 h. The organic base is selected from one or more of NaOMe, NaOEt, NaNH₂, and NaH. The mole ratio of 4-methoxyphenylacetonitrile-**cyclohexanone** - organic base is 1:1-1.3:1-1.3, and that of I-NaBH₄-BF₃.etherate is 1:0.9-1:1-1.12. The title compound is useful as intermediate for synthesis of the antidepressant venlafaxine.